

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jeffrey S. Haas, et al.                      Docket No. : IL-11088  
Serial No. :    Art Unit :  
Filed :    Examiner :  
For : EXPLOSIVES TESTER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Alexandria, VA 22313-1450

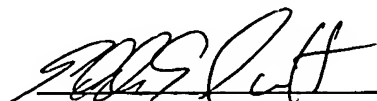
Dear Sir:

Forwarded herewith is an Information Disclosure Statement, Form-1449, in the above-identified application. Copies of the cited references are enclosed: 11 U.S. Patent Documents and 8 Other Disclosure Documents.

The above-mentioned disclosures, which are not admitted as prior art, are identified on the enclosed Form 1449.

Respectfully submitted,

Dated: February 26, 2004

  
Eddie E. Scott  
Attorney for Applicant  
Registration No. 25,220

Enclosures: As noted above

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PTO/SB/08A (08-00)

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		Application Number	
		Filing Date	
		First Named Inventor	Jeffrey S. Haas, et al.
		Group Art Unit	
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	IL-11088	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,554,133		Leichnitz	11-19-1985	
		4,783,316		Pannwitz	11-08-1988	
		5,310,681		Rounbehler, et al.	05-10-1994	
		5,551,278		Rounbehler, et al.	09-03-1996	
		5,638,166		Funsten, et al.	06-10-1997	
		5,679,584		Mileaf, et al.	10-21-1997	
		5,912,466		Funsten, et al.	06-15-1999	
		6,245,576	B1	Hiley	06-12-2001	
		6,406,918	B1	Bannister, et al.	06-18-2002	
		6,470,730	B1	Chamberlain	10-29-2002	
		6,477,907	B1	Chambers, et al.	11-12-2002	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
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		Group Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number		IL-11088

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	2
		GRANT, P., "Chemistry Field Assets Instruments & Otherwise," Iraq Planning Meeting, Albuquerque, NM, Lawrence Livermore National Laboratory Forensic Science Center, August 2002, 4 pages		
		JENKINS, T., et al., "Development of Field Screening Methods for TNT, 2,4-DNT and RDX in Soil," Geological Sci., Talonia, Vol. 39, No. 4, pp. 419-428, Pergamon Press, 1992		
		HILEY, R., "Investigations of Thin Layer Chromatographic Techniques Used for Forensic Explosives Analysis in the Early 1970s," Hiley - TLC Techniques for Explosives Analysis, Journal of Forensic Sciences, July 1993, pp. 864-873		
		FETTEROLF, D., "Portable Instrumentation: New Weapons in the War Against Drugs and Terrorism," SPIE, Vol. 2092, 1993, pp. 40-52		
		TWIBELL, J., et al., "The Persistence of Military Explosives on Hands," Journal of Forensic Sciences, Vol. 29, No. 1, January 1984, pp. 284-290		
		HAAS, J., et al., "Thin-Layer Chromatography (TLC) Analysis of Exhumed MMR Ordnance," Lawrence Livermore National Laboratory Forensic Science Center, September 1998, 9 pages		
		TWIBELL, J., et al., "Transfer of Nitroglycerine to Hands During Contact with Commercial Explosives," Journal of Forensic Sciences, Vol. 27, No. 4, October 1982, pp. 783-791		
		ANDRESEN, B., et al., "Recent Innovations for the Detection of Propellant Stabilizers and HE in the Field," 2000 Global Demilitarization Symposium & Exhibition, National Defense Industrial Association, Event #058, Coeur d'Alene, ID, May 2000, 20 pages		

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